

FIG.2

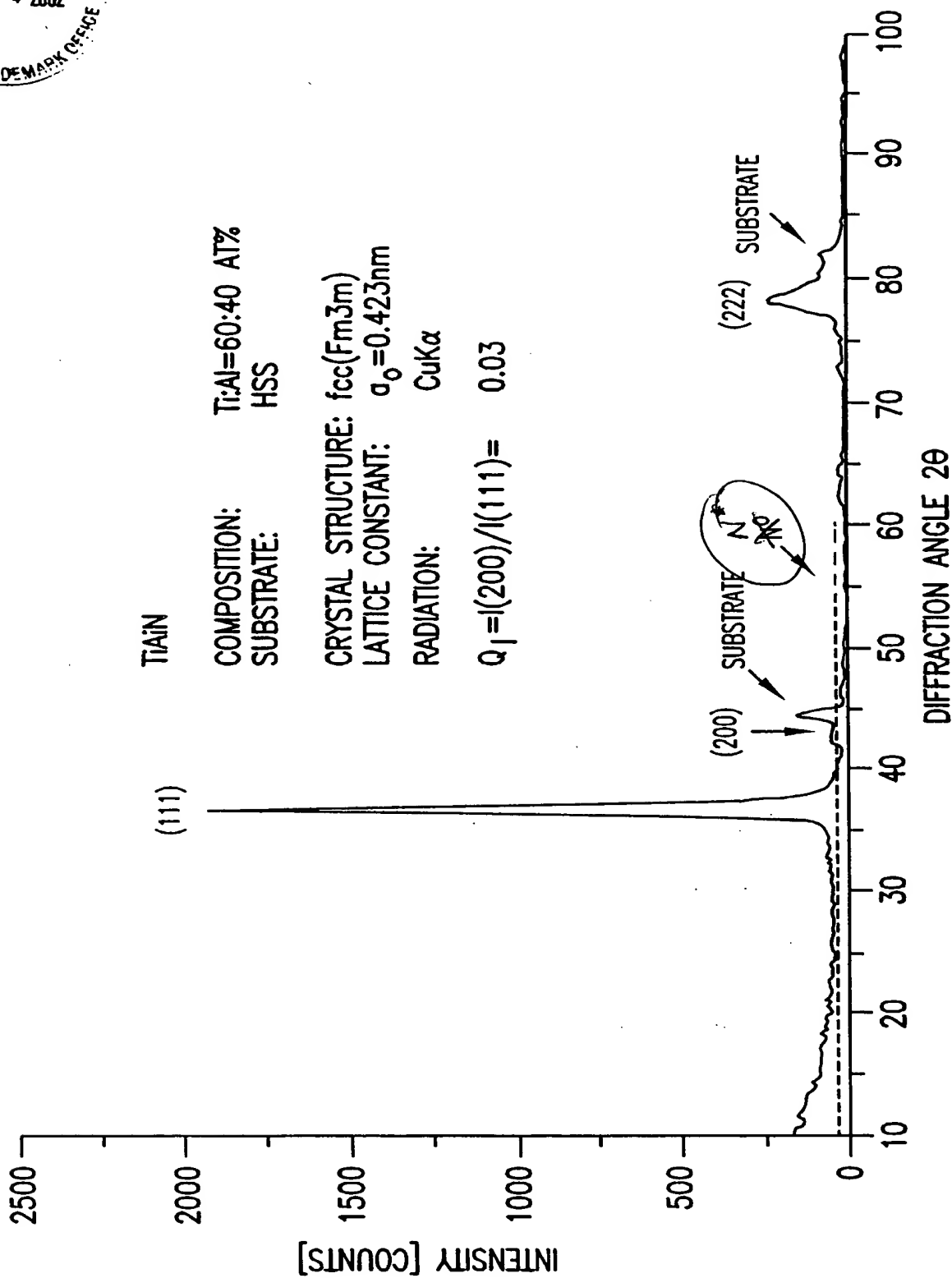


FIG.3



TiAlN

COMPOSITION: Ti:Al=60:40 AT%
SUBSTRATE: HSS

CRYSTAL STRUCTURE: fcc(Fm3m)
LATTICE CONSTANT: $a_0=0.422\text{nm}$
RADIATION: $\text{CuK}\alpha$

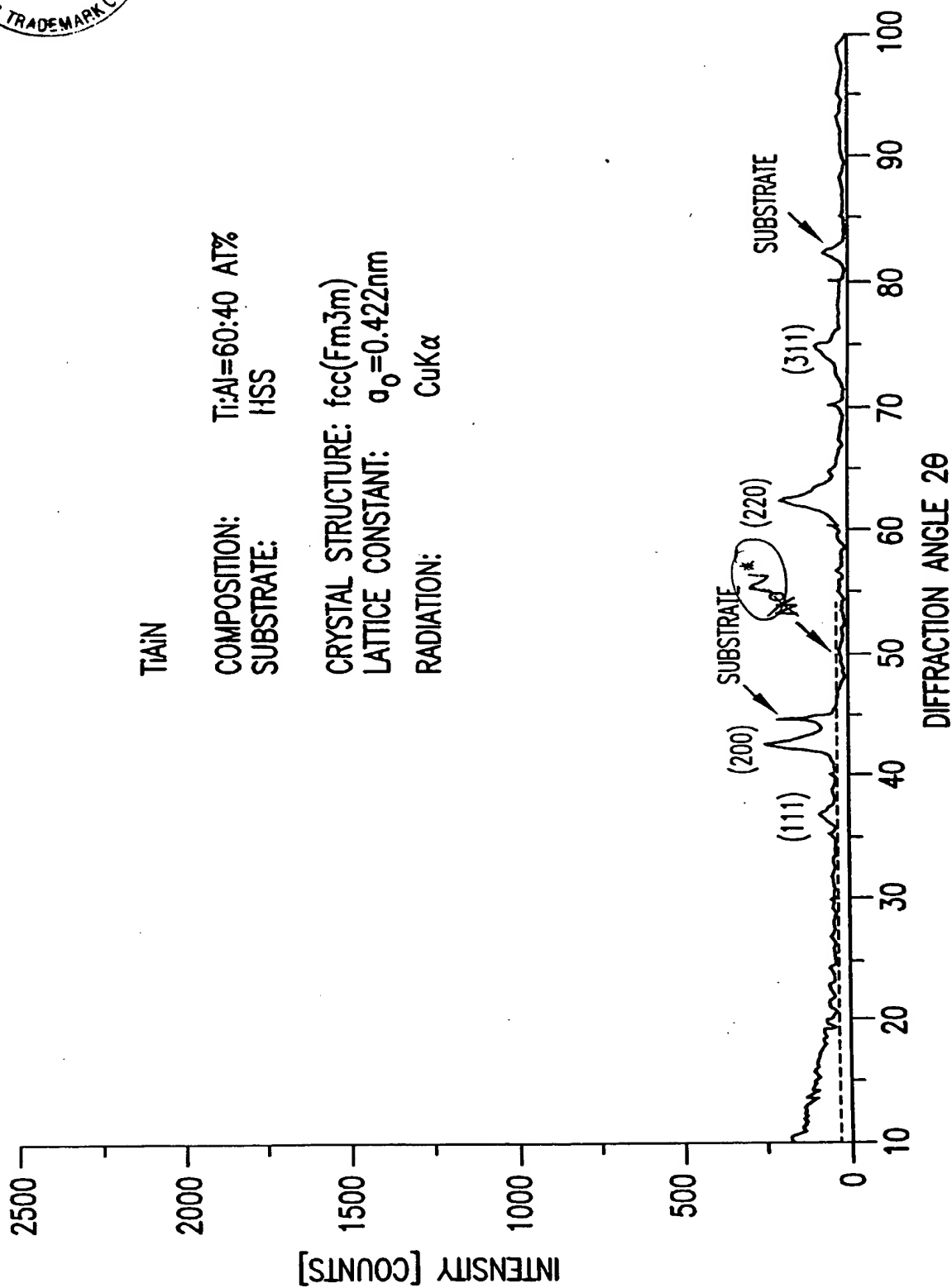
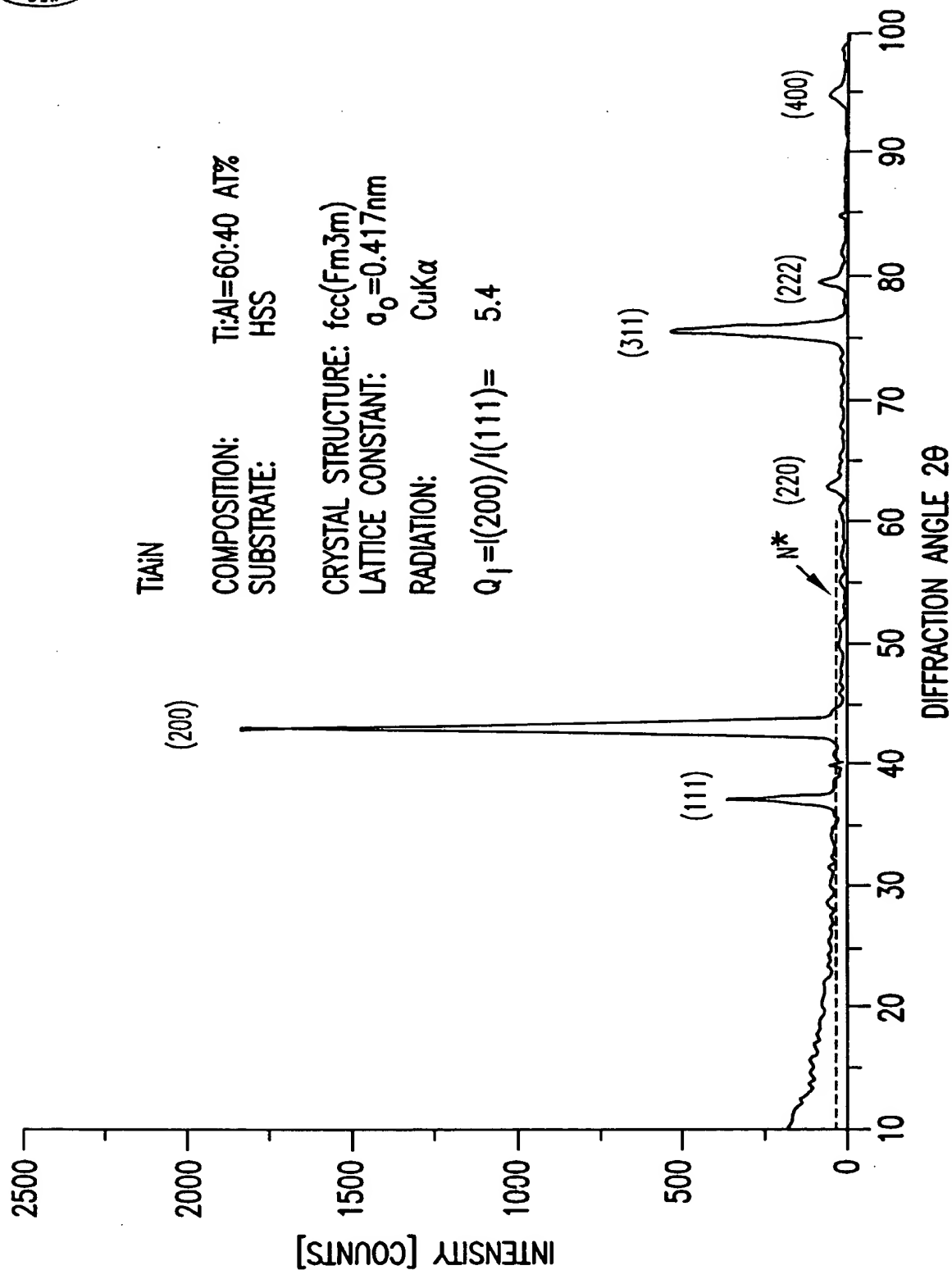


FIG.4



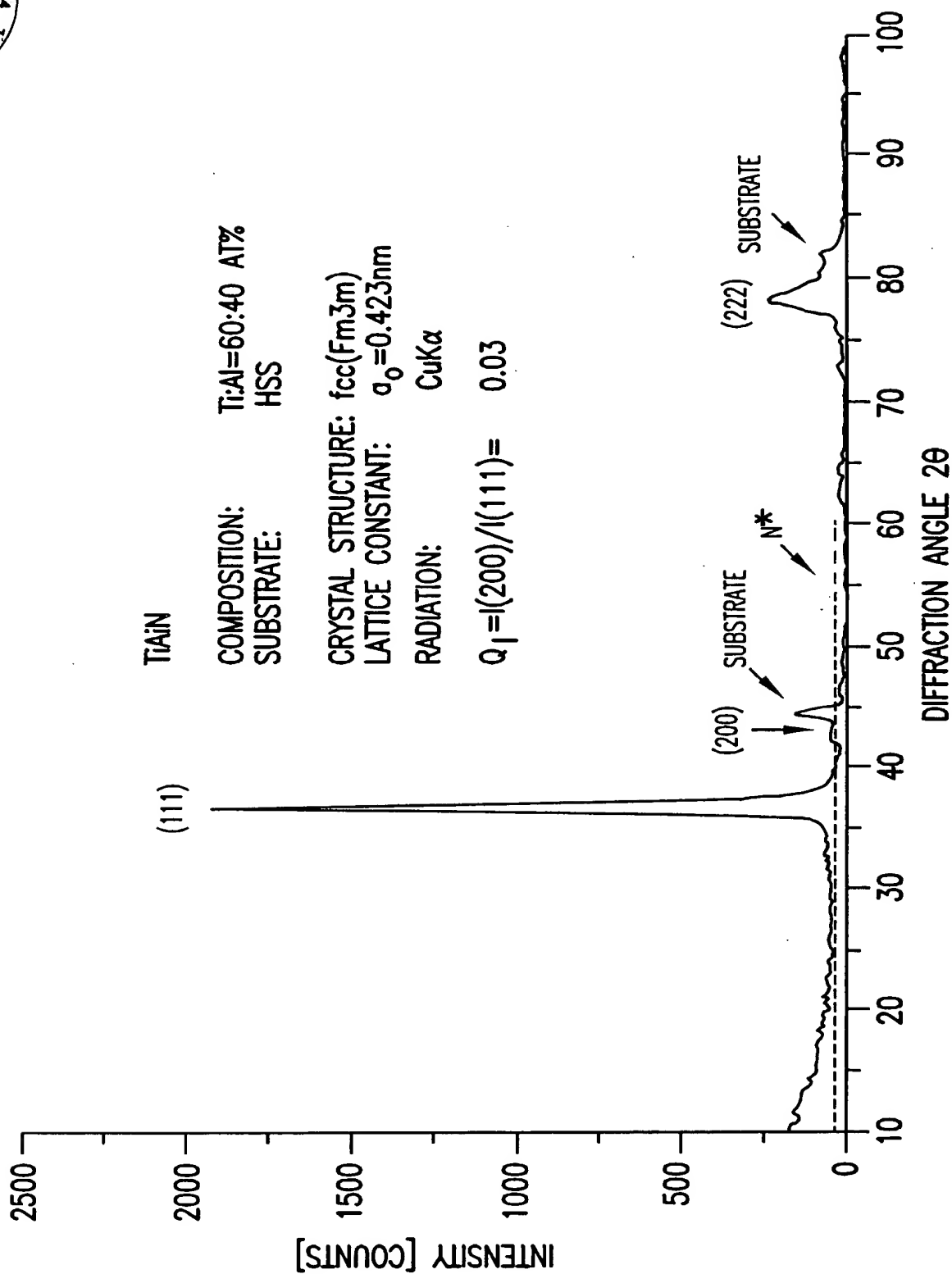


FIG.3



TiAlN
COMPOSITION: Ti:Al=60:40 AT%
SUBSTRATE: HSS
CRYSTAL STRUCTURE: fcc(Fm3m)
LATTICE CONSTANT: $a_0=0.422\text{nm}$
RADIATION: CuK α

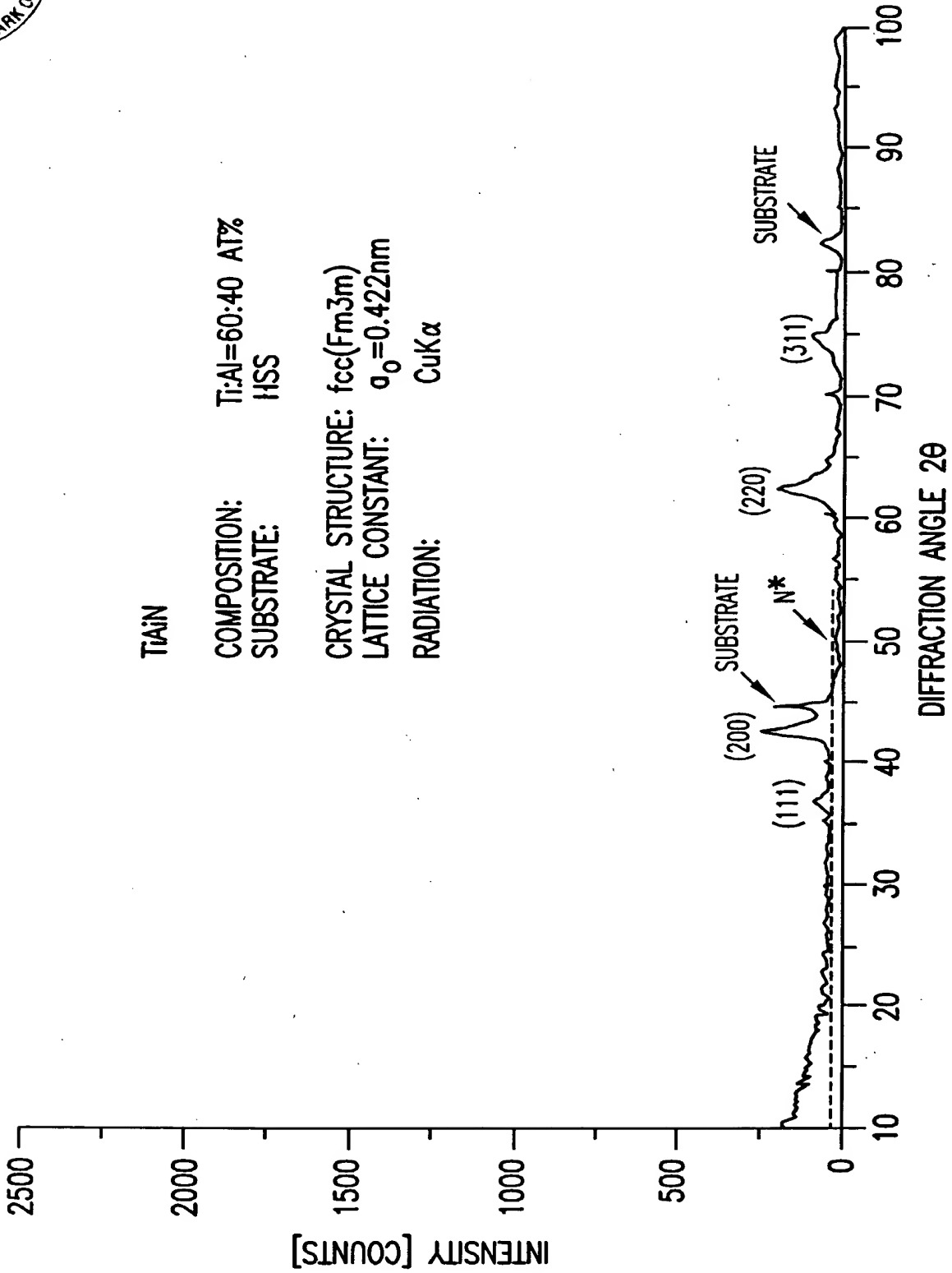


FIG.4